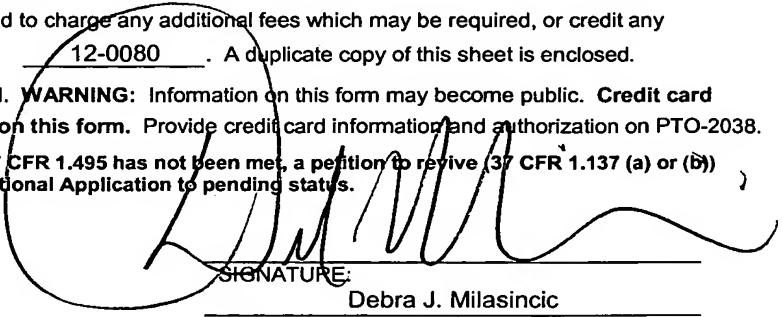


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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER BGI-154US
INTERNATIONAL APPLICATION NO. PCT/US2002/021336	INTERNATIONAL FILING DATE 3 July 2002	PRIORITY DATE CLAIMED 10/520210
TITLE OF INVENTION MICROORGANISMS AND PROCESSES FOR ENHANCED PRODUCTION OF PANTOTHENATE		
APPLICANT(S) FOR DO/EO/US R. Rogers YOCUM et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (10 pages)</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. (3 pages)</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Published International Application with Search Report WO 2004/005527 A1 (93 pages), International Preliminary Examination Report (6 pages), Form PCT/IB/306 (1 page), Certificate of Express Mail (1 page), Return Receipt Postcard</p>		

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<p>21. The following fees are submitted:</p> <table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00																		
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<table border="1"> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED =</td> <td>\$</td> <td>5,590.00</td> </tr> </table>						Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$		TOTAL FEES ENCLOSED =				\$	5,590.00																		
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<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-0080</u> in the amount of \$ <u>5,590.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-0080</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																																			
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Giulio A. DeConti, Jr. LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400</p> <p>DATE: January 3, 2005</p> <p>CUSTOMER NUMBER: 00959</p>																																			
<p></p> <p>SIGNATURE: Debra J. Milasincic</p> <p>NAME: _____</p> <p>REGISTRATION NUMBER: 46,931</p>																																			

10/520210

DT15 Rec'd PCT/PTO 03 JAN 2005

Application No. (if known): Not Yet Assigned

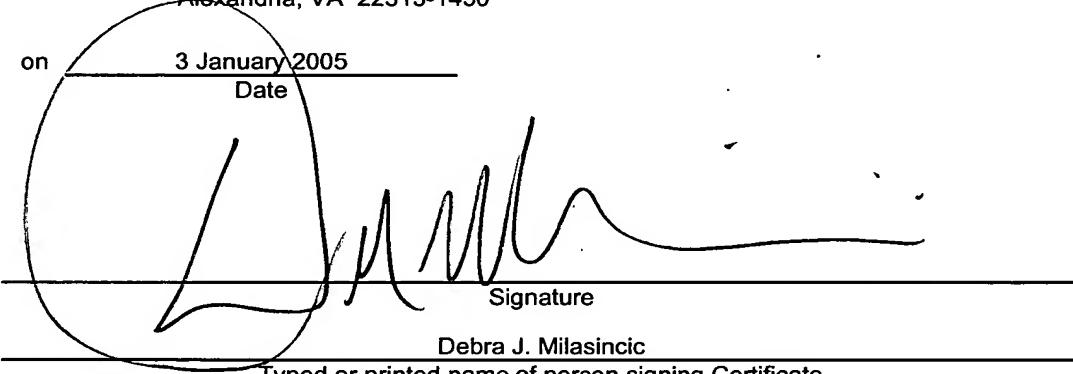
Attorney Docket No.: BGI-154US

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Date



Signature

Debra J. Milasincic

Typed or printed name of person signing Certificate

46,931
Registration Number, if applicable

(617) 227-7400
Telephone Number

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Transmittal Letter to the United States Designated-Elected Office (2 pages in duplicate), Application Data Sheet (3 pages), Preliminary Amendment (10 pages), Published International Application with Search Report WO 2004/005527 A1 (93 pages), Diskette of Sequence Listing, Transmittal Letter for Diskette (1 page), International Preliminary Examination Report (6 pages), Form PCT/IB/306 (1 page), Certificate of Express Mailing (1 page), Return Receipt Postcard

Charge \$5,590.00 to deposit account 12-0080